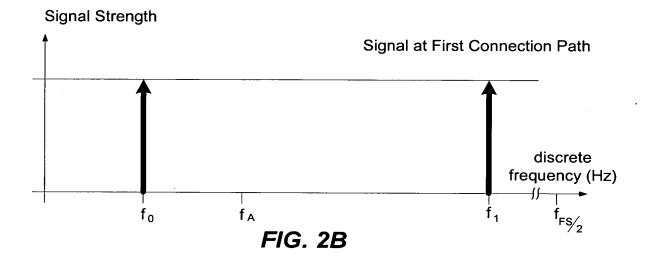


FIG. 2A



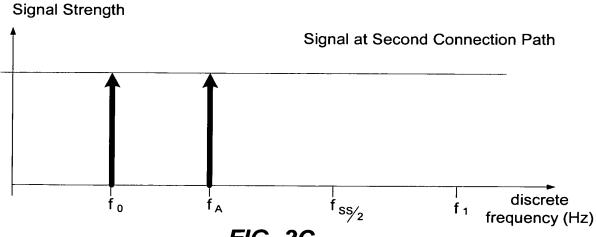
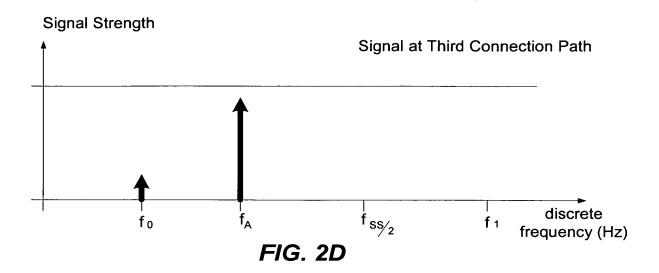
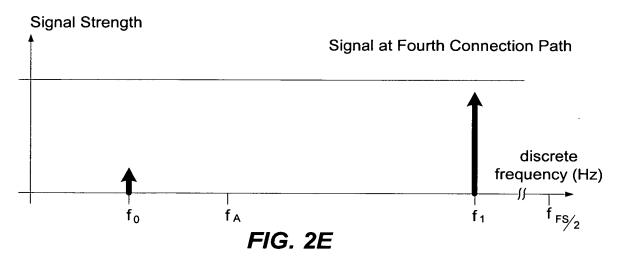


FIG. 2C





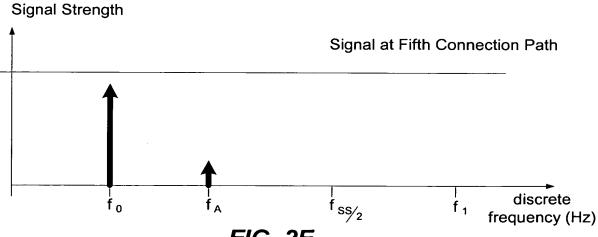
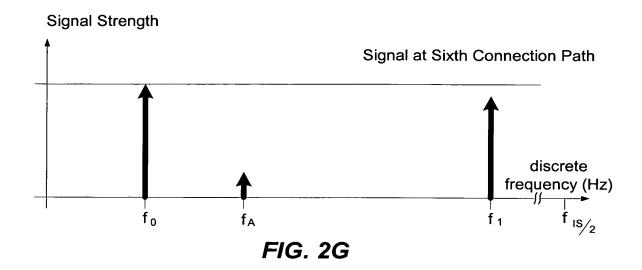
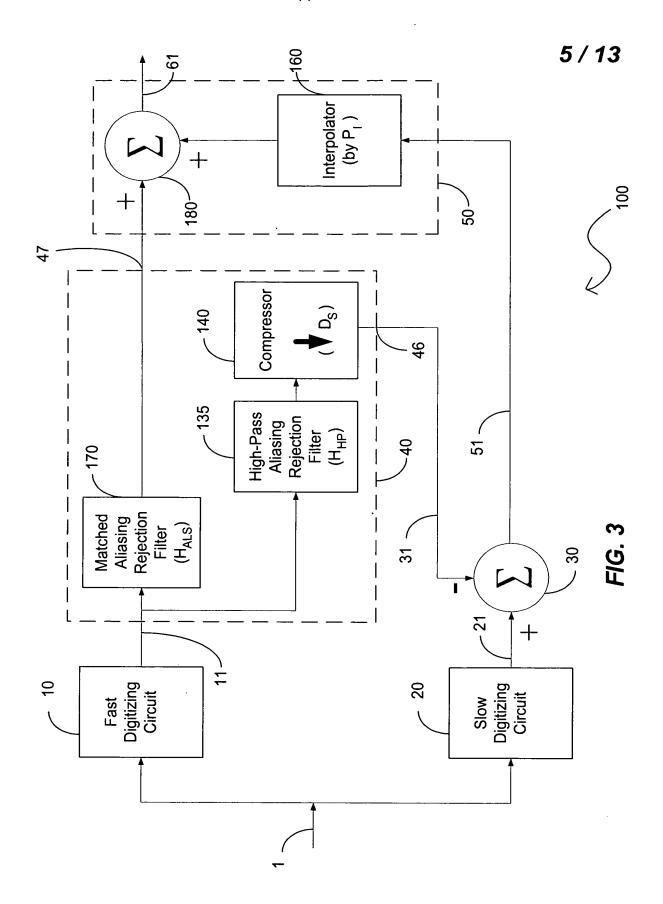
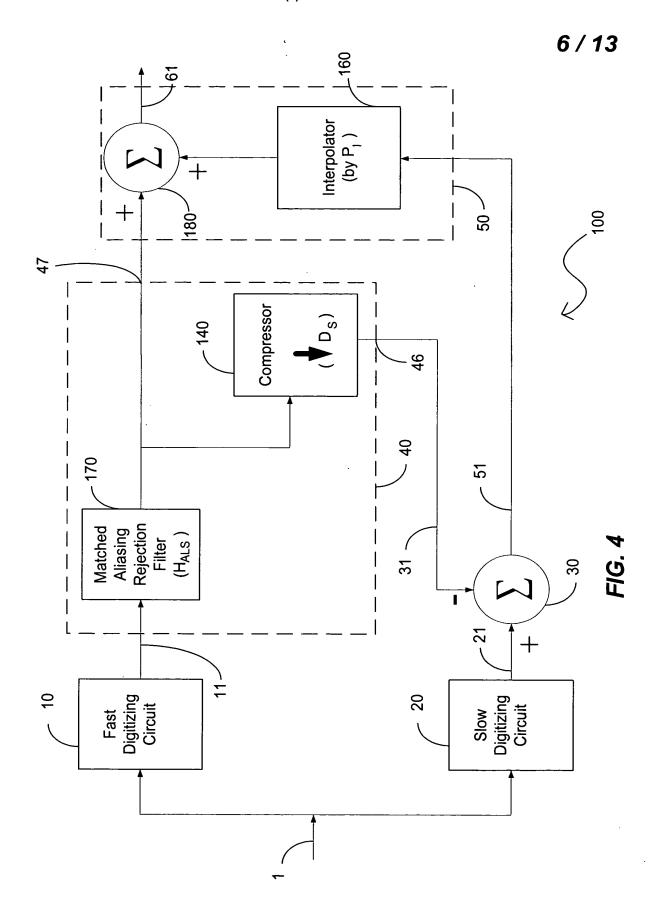
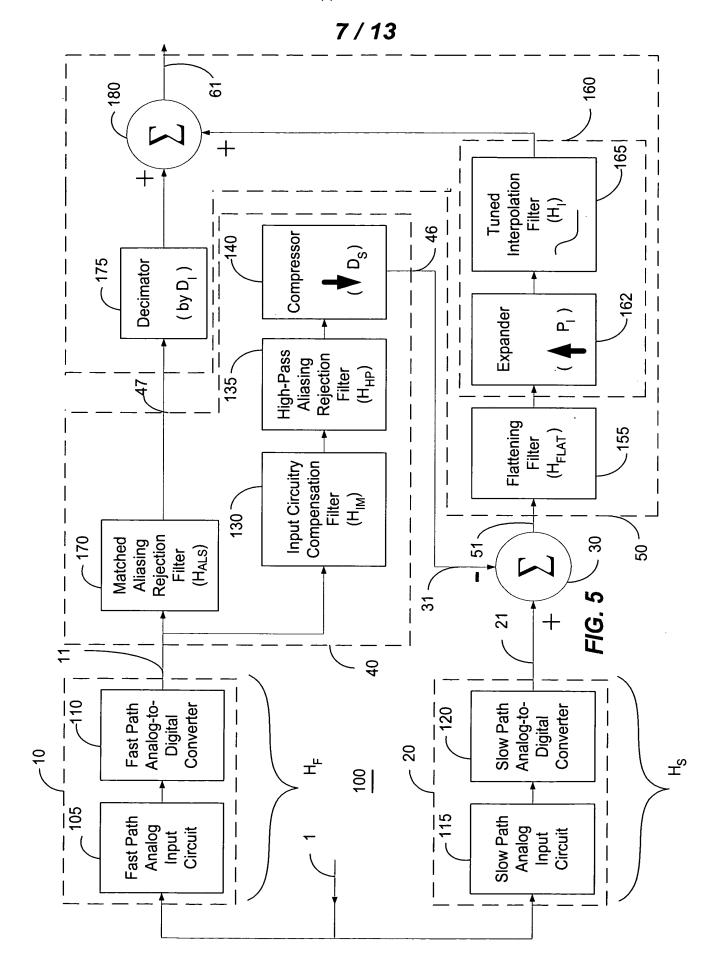


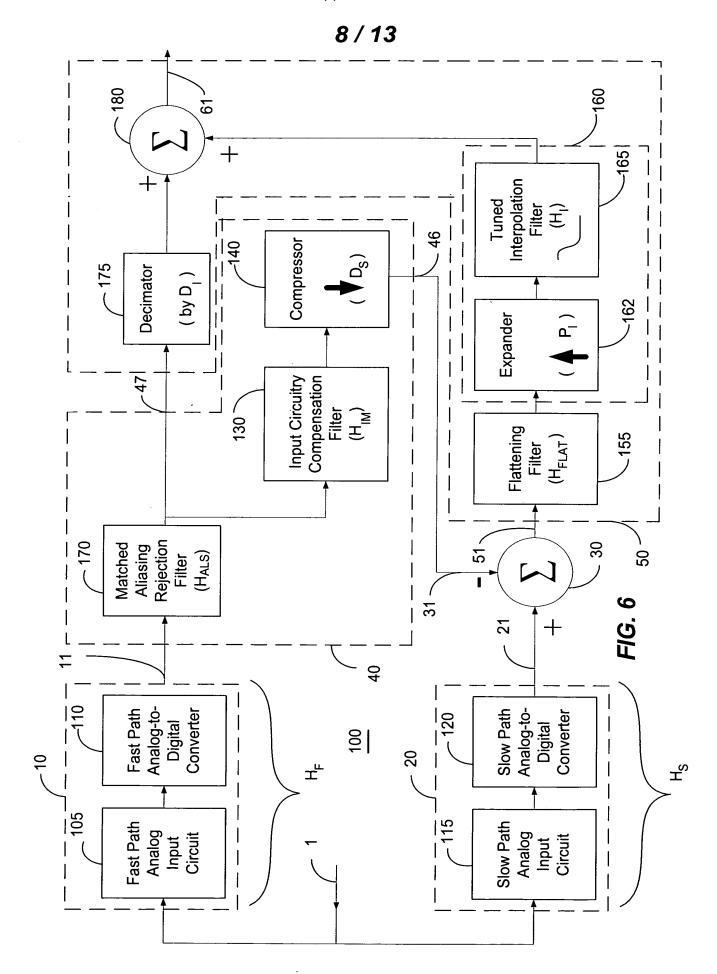
FIG. 2F

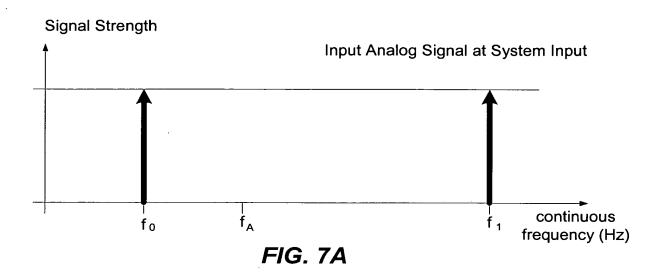












Signal Strength

Signal at Output of Fast Digitizing Path

discrete frequency (Hz)

FIG. 7B

 f_0

 f_{A}

f₁

